

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **PRODUCTION OF RECOMBINANT POLYPEPTIDES BY BOVINE SPECIES AND TRANSGENIC METHODS**, the specification of which is attached hereto or X was filed on November 16, 1993 as Application Serial No. 08/154,019.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

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****PLEASE SEE ATTACHED SHEET****

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Application Serial No.	Date of Filing	Status
08/077,788	June 15, 1993	<u> </u> Patented <u>X</u> Pending <u> </u> Abandoned
07/898,956	June 15, 1992	<u> </u> Patented <u>X</u> Pending <u> </u> Abandoned
07/619,131	November 27, 1990	<u> </u> Patented <u>X</u> Pending <u> </u> Abandoned
07/444,745	December 1, 1989	<u> </u> Patented <u> </u> Pending <u>X</u> Abandoned

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William M. Smith, Reg. No. 30,223
 James M. Heslin, Reg. No. 29,541
 Tracy J. Dunn, Reg. No. 34,587
 Joe Liebeschuetz, Reg. No. 37,505

Send Correspondence to: William M. Smith TOWNSEND and TOWNSEND KHOURIE and CREW Steuart Street Tower One Market Plaza, 20th Floor San Francisco, CA 94105	Direct Telephone Calls to: (Name, Reg. No., telephone no.) William M. Smith Reg. No. 30,223 (415) 326-2400
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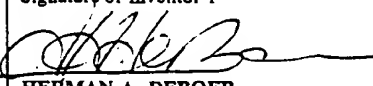
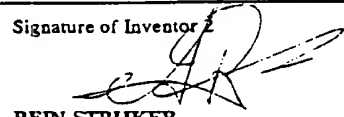
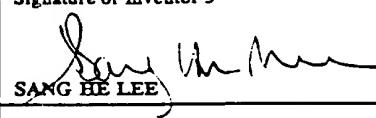
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Full Name of Inventor 1	Last Name <u>DEBOER</u>	First Name <u>HERMAN</u>	Middle Name or Initial <u>Y</u>	
Residence & Citizenship	City <u>Roelofarendsveen</u>	State/Foreign Country The Netherlands <u>NLX</u>	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address Sotaweg 24, 2371 GD	City Roelofarendsveen	State/Country The Netherlands	Zip Code
Full Name of Inventor 2	Last Name <u>STRIJER</u>	First Name <u>REIN</u>	Middle Name or Initial	
Residence & Citizenship	City <u>Oegstgeest</u>	State/Foreign Country The Netherlands <u>NLX</u>	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address Spaargarenstraat 2, 2341 JW	City Oegstgeest	State/Country The Netherlands	Zip Code
Full Name of Inventor 3	Last Name <u>HEYNEKER</u>	First Name <u>HERBERT</u>	Middle Name or Initial <u>L. /</u>	
Residence & Citizenship	City <u>Hillsborough</u>	State/Foreign Country California <u>CA</u>	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 501 Roehampton Road	City Hillsborough	State/Country California	Zip Code 94010
Full Name of Inventor 4	Last Name <u>PLATENBURG</u>	First Name <u>GERARD</u>	Middle Name or Initial	
Residence & Citizenship	City <u>Voorschoten</u>	State/Foreign Country The Netherlands <u>NLX</u>	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address Wijngaardenlaan 56, 2252 XR	City Voorschoten	State/Country The Netherlands	Zip Code
Full Name of Inventor 5	Last Name <u>LEE</u>	First Name <u>Sang</u>	Middle Name or Initial <u>He</u>	
Residence & Citizenship	City <u>Leiden</u>	State/Foreign Country The Netherlands <u>NLX</u>	Country of Citizenship The Netherlands <u>U.S.A.</u> <u>AK</u>	
Post Office Address	Post Office Address Fien de la Marstraat 26, 2331 HN	City Leiden	State/Country The Netherlands	Zip Code
Full Name of Inventor 6	Last Name <u>PIEPER</u>	First Name <u>FRANK</u>	Middle Name or Initial	
Residence & Citizenship	City <u>Utrecht</u>	State/Foreign Country The Netherlands <u>NLX</u>	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address C. van Maasdijkstraat 13, 3555 VM	City Utrecht	State/Country The Netherlands	Zip Code
Full Name of Inventor 7	Last Name <u>KRIMPENFORT</u>	First Name <u>PAUL</u>	Middle Name or Initial <u>JA.</u>	
Residence & Citizenship	City <u>Heemstede</u>	State/Foreign Country The Netherlands <u>NLX</u>	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address Crayenestersingel 5, 2101 AN	City Heemstede	State/Country The Netherlands	Zip Code

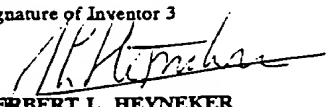
(Page 2 of 4)

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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  HERMAN A. DEBOER	Signature of Inventor 2  REIN STRIJKER	Signature of Inventor 3 HERBERT L. HEYNEKER
Date	Date 12/20/93	Date
Signature of Inventor 4 GERARD PLATENBURG	Signature of Inventor 5  SANG HE LEE	Signature of Inventor 6 FRANK PIEPER
Signature of Inventor 7 PAUL J.A. KRIMPENFORT		
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Signature of Inventor 1 HERMAN A. DEBOER	Signature of Inventor 2 REIN STRIJKER	Signature of Inventor 3  HERBERT L. HEYNEKER
Date	Date	Date 11/8/94
Signature of Inventor 4 GERARD PLATENBURG	Signature of Inventor 5 SANG HE LEE	Signature of Inventor 6 FRANK PIEPER
Signature of Inventor 7 PAUL J.A. KRIMPENFORT		
Date	Date	Date

AMH
8/27/99

<u>Country</u>	<u>Application No.</u>	<u>Date of Filing</u>	<u>Priority Claimed Under 35 USC 119</u>
PCT	PCT/US90/06874 Publ. 06/13/91, No. WO 91/08216	11/30/90	Yes
Australia	69608/91	11/30/90	Yes
Canada	2,075,206	11/30/90	Yes
EP	91.901026.4	11/30/90	Yes
Finland	923485	11/30/90	Yes
Sri Lanka	10403	11/30/90	Yes
Monaco	N/A 9006874	11/30/90	Yes
Norway	P922996	11/30/90	Yes
OAPI	PV60265	11/30/90	Yes
Russian Fed.	5052392.13	11/30/90	Yes
Canada	90109733.0	12/01/90	Yes
Indonesia	P-001607	01/21/92	Yes
India	1037/CAL/90	12/18/90	Yes
Malaysia	PI 9002116	11/30/90	Yes
New Zealand	236310	12/03/90	Yes
Pakistan	498/90	12/01/90	Yes
Philippines	41666	05/30/90	Yes
Taiwan	79110238	12/05/90	Yes
PCT	PCT/US93/05724	6/15/93	Yes

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Joe Liebeschuetz, Reg. No. 37,505

Send Correspondence to: William M. Smith TOWNSEND and TOWNSEND KHOURIE and CREW Steuart Street Tower One Market Plaza, 20th Floor San Francisco, CA 94105	Direct Telephone Calls to: (Name, Reg. No., telephone no.) William M. Smith Reg. No. 30,223 (415) 326-2400
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Full Name of Inventor 1	Last Name DEBOER	First Name HERMAN	Middle Name or Initial A.	
Residence & Citizenship	City Roelofarendsveen	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address Sotaweg 24, 2371 GD	City Roelofarendsveen	State/Country The Netherlands	Zip Code
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Residence & Citizenship	City Oegstgeest	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address Spaargarenstraat 2, 2341 JW	City Oegstgeest	State/Country The Netherlands	Zip Code
Full Name of Inventor 3	Last Name HEYNEKER	First Name HERBERT	Middle Name or Initial L.	
Residence & Citizenship	City Hillsborough	State/Foreign Country California	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 501 Roehampton Road	City Hillsborough	State/Country California	Zip Code 94010
Full Name of Inventor 4	Last Name PLATENBURG	First Name GERARD	Middle Name or Initial	
Residence & Citizenship	City Voorschoten	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands	
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Full Name of Inventor 5	Last Name LEE	First Name Sang	Middle Name or Initial He	
Residence & Citizenship	City Leiden	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address Fien de la Marstraat 26, 2331 HN	City Leiden	State/Country The Netherlands	Zip Code
Full Name of Inventor 6	Last Name PIEPER	First Name FRANK	Middle Name or Initial	
Residence & Citizenship	City Utrecht	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands	
Post Office Address	Post Office Address C. van Maasdijkstraat 13, 3555 VM	City Utrecht	State/Country The Netherlands	Zip Code
Full Name of Inventor 7	Last Name KRIMPENFORT	First Name PAUL	Middle Name or Initial J.A.	
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Post Office Address	Post Office Address Wijngaardenlaan 56, 2252 XR	City Voorschoten	State/Country The Netherlands
Full Name of Inventor 5	Last Name LEE	First Name Sung	Middle Name or Initial H.
Residence & Citizenship	City Leiden	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
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